

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number
WO 2005/080426 A2

(51) International Patent Classification⁷: C07K 14/705

(21) International Application Number:

PCT/GB2005/000572 ✓

(22) International Filing Date: 17 February 2005 (17.02.2005) ✓

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0403491.4 17 February 2004 (17.02.2004) GB

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PROTEIN LIGANDS FOR NKG2D AND UL16 RECEPTORS AND USES THEREOF ✓

(57) Abstract: A novel member of the RAET1/ULBP family of proteins (RAET1G) is identified and characterised and shown to bind the UL16 and NKG2D receptors with high affinity. RAET1G exhibits restricted expression in normal tissues but exhibits high levels of expression in tumours and may be differentially spliced in cancer cells to produce a soluble protein. RAET1G is also up-regulated in inflammatory diseases such as coeliac disease. RAET1G may be used as a novel marker for disease conditions including cancer conditions and inflammatory diseases.

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